

## EAST Search History

| Ref # | Hits   | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|--|------------------|---------|------------------|
| S1    | 47     | wafer\$4 same solder\$4 same (reflect\$4 or mirror\$4) same electro\$4                      | US-PGPUB; USPAT                                    | OR               | OFF     | 2006/08/13 16:20 |
| S2    | 0      | (wafer\$4 same microstructu\$4 same electro\$4) and 385/16-18.ccls.                         | US-PGPUB; USPAT                                    | OR               | OFF     | 2005/05/27 07:53 |
| S3    | 2      | (wafer\$4 same microstructu\$4 same electro\$4) and 385/16-18.ccls.                         | US-PGPUB; USPAT                                    | OR               | OFF     | 2005/11/16 18:04 |
| S4    | 118    | (wafer\$4 same microstructu\$4 same electro\$4)   | US-PGPUB; USPAT                                    | OR               | OFF     | 2005/05/27 07:55 |
| S5    | 22     | (wafer\$4 same microstructu\$4 same electro\$4 same (mirror\$4 or reflect\$4))              | US-PGPUB; USPAT                                    | OR               | OFF     | 2005/11/16 18:04 |
| S6    | 2045   | (wafer\$4 same electro\$4 same (mirror\$4 or reflect\$4))                                   | US-PGPUB; USPAT                                    | OR               | OFF     | 2005/05/27 12:58 |
| S7    | 81     | S6 and 385/16-18.ccls.  | US-PGPUB; USPAT                                    | OR               | OFF     | 2006/08/13 14:04 |
| S8    | 80     | S7 not S5   | US-PGPUB; USPAT                                    | OR               | OFF     | 2005/11/16 18:05 |
| S9    | 144719 | "8" and solder\$4   | US-PGPUB; USPAT                                    | OR               | OFF     | 2005/05/27 12:57 |
| S10   | 23     | (wafer\$4 same electro\$4 same (mirror\$4 or reflect\$4)) and solder\$4 and 385/16-18.ccls. | US-PGPUB; USPAT                                    | OR               | OFF     | 2005/11/16 14:57 |
| S11   | 793    | wafer same solder\$4 same ((flip\$ or chip\$4 or bond\$4) and adhesive)                     | US-PGPUB; USPAT                                    | OR               | OFF     | 2005/11/16 14:41 |
| S12   | 84     | wafer same solder\$4 same ((flip\$ with chip\$4 with bond\$4) and adhesive)                 | US-PGPUB; USPAT                                    | OR               | OFF     | 2005/11/16 14:41 |
| S13   | 58     | wafer\$4 same solder\$4 same (reflect\$4 or mirror\$4) same electro\$4                      | US-PGPUB; USPAT                                    | OR               | OFF     | 2006/08/13 14:04 |
| S14   | 36     | (wafer\$4 same microstructu\$4 same electro\$4 same (mirror\$4 or reflect\$4))              | US-PGPUB; USPAT                                    | OR               | OFF     | 2005/11/16 18:09 |
| S15   | 28     | (wafer\$4 same electro\$4 same (mirror\$4 or reflect\$4)) and solder\$4 and 385/16-18.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2005/11/16 18:07 |
| S16   | 106    | wafer\$4 same solder\$4 same (reflect\$4 or mirror\$4) same electro\$4                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2005/11/16 18:04 |

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| S17 | 3    | (wafer\$4 same microstructu\$4 same electro\$4) and 385/16-18.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/16 18:04 |
| S18 | 36   | (wafer\$4 same microstructu\$4 same electro\$4 same (mirror\$4 or reflect\$4))                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/16 18:05 |
| S19 | 36   | (wafer\$4 same microstructu\$4 same electro\$4 same (mirror\$4 or reflect\$4))                                  | US-PGPUB;<br>USPAT  | OR | OFF | 2005/11/16 18:07 |
| S20 | 2239 | (wafer\$4 same electro\$4 same (mirror\$4 or reflect\$4))   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/11/16 18:07 |
| S21 | 90   | S20 and 385/16-18.ccls.   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/11/16 18:07 |
| S22 | 88   | S21 not S19   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/16 18:07 |
| S23 | 28   | (wafer\$4 same electro\$4 same (mirror\$4 or reflect\$4)) and solder\$4 and 385/16-18.ccls.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/16 18:09 |
| S24 | 36   | (wafer\$4 same microstructu\$4 same electro\$4 same (mirror\$4 or reflect\$4))                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/16 18:10 |
| S25 | 812  | (chip and bond\$4 and (interconnect\$4 connect\$4) and electri\$4 and terminal\$4).clm.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/16 18:11 |
| S26 | 32   | (chip and bond\$4 and (interconnect\$4 connect\$4) and electri\$4 and terminal\$4 and (fiber\$4 fibre\$4)).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/16 18:12 |

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| S27 | 4    | (chip and bond\$4 and (interconnect\$4 connect\$4) and electri\$4 and terminal\$4 and (fiber\$4 fibre\$4) and pattern).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | OFF | 2005/11/16 18:12 |
| S28 | 0    | lin.xa. and tina.xa. and lens and bulge   | US-PGPUB;<br>USPAT   | OR | OFF | 2005/11/16 18:51 |
| S29 | 42   | lin.xa. and tina.xa. and lens   | US-PGPUB;<br>USPAT   | OR | OFF | 2005/11/16 18:51 |
| S30 | 251  | solder\$4 same wafer\$4 same optic\$3 same (electronic or electri\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/03/24 15:42 |
| S31 | 356  | wafer\$4 same solder\$4 same lower same upper   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/03/28 14:46 |
| S32 | 1    | "6525864".pn.   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/03/28 15:10 |
| S33 | 1    | "6781208".pn.   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/03/28 15:11 |
| S34 | 1    | "6781239".pn.   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/03/28 15:12 |
| S35 | 1    | "6946321".pn.   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/03/28 15:13 |
| S36 | 4    | "5757536".pn. "20030122206".pn. "5096279".pn. "20020110312".pn.   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/08/13 14:03 |
| S37 | 64   | wafer\$4 same solder\$4 same (reflect\$4 or mirror\$4) same electrod\$4   | US-PGPUB;<br>USPAT   | OR | ON  | 2006/08/13 14:04 |
| S38 | 2516 | (wafer\$4 same electrod\$4 same (mirror\$4 or reflect\$4))  | US-PGPUB;<br>USPAT   | OR | OFF | 2006/08/13 14:04 |
| S39 | 98   | S38 and 385/16-18.ccls.   | US-PGPUB;<br>USPAT   | OR | ON  | 2006/08/13 14:04 |
| S40 | 64   | wafer\$4 same solder\$4 same (reflect\$4 or mirror\$4) same electrod\$4   | US-PGPUB;<br>USPAT   | OR | ON  | 2006/08/13 14:04 |
| S41 | 3218 | wafer\$4 same (reflect\$4 or mirror\$4) same electrod\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/13 16:21 |

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|     |     |  |  |    |    |                  |
|-----|-----|--|--|----|----|------------------|
| S42 | 812 | (wafer\$4 same (reflect\$4 or mirror\$4) same electrode\$4) and ((solder\$4 contact\$4) with wafer\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/13 16:22 |
| S43 | 14  | ("5083857"   "5435876"   "5492596"   "5798557"   "5915168"   "6063696"   "6117705"   "6228684"   "6285064"   "6428650"   "6531328"   "6613607"   "6660562"   "6759723").PN. OR ("6908791").URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2006/08/13 16:45 |